

ATTY. DOCKET NO.

1990/F 333C

SERIAL NO. 08/895,950

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT: Winter et al.

FILING DATE: 07/17/97

GROUP: 1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FF	AA	5,455,365	10/3/95	Winter et al.			
FF	AB	5,329,033	7/12/94	Spaleck et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

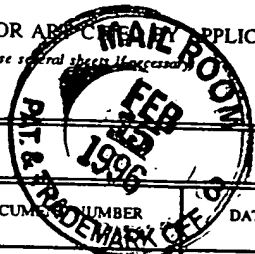
AP		<div style="text-align: center;"> RECEIVED FEB 25 1999 GROUP 1700 </div>
AG		
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EXAMINER FRED TESKIN PATENT EXAMINER	DATE CONSIDERED <i>2/3/00</i>
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ART UNIT 155

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LIST OF PRIOR ART APPLICANT <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. HOE 90/F 333B	SERIAL NO. 08/324,260
	APPLICANT: Winter et al	
	FILING DATE: 10/17/94	GROUP: 1505



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
sw	AA	5,243,001	9/7/93	Winter et al	526	127	
sw	AB	5,278,264	1/11/94	Spaleck et al	526	127	
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FOREIGN PATENT DOCUMENTS

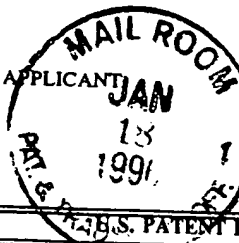
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	AI	DE 40 35 886	11/12/90	Germany			see AA	
	AJ	DE 41 28 238	8/26/91	Germany			see AB	
	AK							
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	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AQ	
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EXAMINER	DATE CONSIDERED
David Wu	8-16-96

Both DE patents were not found. sw 8/16/96

LIST OF INFORMATION CITED BY APPLICANT
(Use several sheets if necessary)ATTY. DOCKET NO.
90/F 333BSERIAL NO.
08/324,260APPLICANT
Winter et alFILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SW	AA	5,103,030	4/7/92	ROHRMANN ET AL	556	12	
	AB	5,145,819	9/8/92	WINTER ET AL	502	117	
	AC	5,087,677	2/11/92	BREKNER ET AL	526	160	
	AD	4,931,417	6/5/90	MIYA ET AL	502	117	
	AE	4,892,851	1/9/90	EWEN ET AL	502	104	
	AF	4,769,510	9/6/88	KAMINSKY ET AL	585	512	
	AG	5,324,800	6/28/94	WELBORN, JR.	526	160	
	AH	5,243,001	9/7/93	WINTER ET AL	526	127	
SW	AI	5,329,033	7/12/94	SPALECK ET AL	556	53	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SW	AQ	0 344 887	12/6/89	EPO			<input checked="" type="checkbox"/>
SW	AR	0 366 290	5/2/90	EPO			<input checked="" type="checkbox"/>
	AS	0 355 289	2/28/90	EPO			<input checked="" type="checkbox"/>
SW	AT	0 129 368	12/27/84	EPO			<input checked="" type="checkbox"/>
	AU	0 351 392	1/17/90	EPO			<input checked="" type="checkbox"/>
SW	AV	0 316 155	5/17/89	EPO			<input checked="" type="checkbox"/>

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

SW	AW	BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE, "Etude de monomeres halogenes et de leur polymerisation cationique", No. 11, PP. 3092-3095, (1973)
	AX	J. ORG. CHEM., "Friedel-Crafts Reactions of Ethyl Cyclopropanecarboxylate", Vol. 46, pp. 3758-3760 (1981)
	AY	Soga, K. et al., MACROMOLECULES, "Perfect Conversion of Aspecific Sites into Isopecific Sites in Ziegler-Natta Catalysts", Vol. 22, pp. 3824-3826 (1989)
SW	AZ	J. ORG. CHEM., "Friedel-Crafts Chemistry. A Mechanistic Study of the Reaction of 3-Chloro-4'-fluoro-2-methylpropiophenone with AlCl ₃ and AlCl ₃ -CH ₃ NO ₂ ", Vol. 43, No. 16, pp. 3126-3131 (1978)
EXAMINER	David Wa	
	DATE CONSIDERED	8-16-96

EP 355,289 is not a pertinent prior art. SW 8/16/96

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED IF APPROPRIATE
DW	AA	5,017,714	5/1991	Welborn, Jr.	556	12	
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DW	AQ	0 529 908	3/3/93	EPO			
	AR	0 485 823	5/20/92	EPO			see AB
	AS	0 485 821	5/20/92	EPO			X
	AT	0 433 990	6/26/91	EPO			X
	AU	37 26 067	2/16/89	GERMANY			X
DW	AV	0 426 643	5/8/91	EPO			

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

DW	AW	Spaleck et al., NEW J. CHEM., "Stereorigid Metallocenes: Correlations Between Structure and Behaviour in Homopolymerizations of Propylene", Vol. 14, pp. 499-503 (1990)
I	AX	Röll, V.W., et al., ANGEW. CHEM., "Stereo- und Regioselektivitat von chiralen, alkylsubstituierten ansa-Zirconocen-Katalysatoren bei der Methylalumoxan-aktivierten Propen-Polymerization", Vol. 102, No. 3, pp. 339-341 (1990)
DW	AY	Piccoliovazzi, N. et al., ORGANOMETALLICS, "Electronic Effects in Homogeneous Indenylzirconium Ziegler-Natta Catalysts", Vol. 9, pp. 3098-3105 (1990)
EXAMINER David Wu		DATE CONSIDERED 8-16-96

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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DW	AG	0 320 762	6/21/89	EPO			see AA
	AG	0 336 128	10/11/89	EPO			
	AG	442 725	8/21/91	EPO			X
	AG	0 185 918	7/2/85	EPO			see AG
	AG	0 407 870	1/16/91	EPO			see AC
DW	AG	0 529 908	3/3/93	EPO			

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

DW	AG	Miyamota, T.K., et al., CHEMISTRY LETTERS, The Chemical Society of Japan, "A Bulky Ligand and its Organometallic Compound: Synthesis of Heptamethylidene and a Ferrocene-Type Complex, $Fe(\eta^5-C_7Me_7)_2$ ", pp. 729-730 (1981)
I	AG	Esperas, S., ACTA CHEMICA SCANDINAVICA, "The Crystal and Molecular Structure of Cyano(methylisocyanide)gold(I)", A 30, No. 7, pp. 527-530 (1976)
I	AG	ADCOCK ET AL., <u>Austr. J. Chem.</u> , Vol. 29, "Substituent Effects by ^{19}F Nuclear Magnetic Resonance: Polar and π -Electron Effects", pp. 2571-2581
DW	AG	MARECHAL ET AL., <u>Bull. Soc. Chim. Fr.</u> 6, "Homopolymerisation cationique des dimethyl-4,7,dimethyl-4,6 et dimethyl-5,6 indenés", No. 348, pp. 1981-2039, (1969)
EXAMINER David Wu		DATE CONSIDERED 8-16-96

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DN	AQ1	0 500 005	8/26/92	EPO			X
	AR2	4 128 238	8/26/91	GERMANY*			SEE AI
	AS3	4 035 886	11/12/90	GERMANY*			SEE AJ
DN	AS4	0 284 708	10/1988	GERMANY			

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

DN	AV1	Chemical Abstracts 90:567 103691p; (1978)
	AW1	CRIEGEE ET AL., <i>Chem. Ber.</i> , Vol. 94, "Über den Nickelkomplex $C_{18}H_{22}Ni$ und den daraus gewonnenen Kohlenwasserstoff $C_{13}H_{18}$ ", pp. 3461-3468 (1964)
	AX2	HART ET AL., NOTES, <i>J. Am. Chem. Soc.</i> , Vol. 72, "Acylation-Alkylation Studies", pp. 3286-3287 (1950)
	AY3	Katz, Thomas J., <i>J. Am. Chem. Soc.</i> , "Asymmetric Synthesis of Helical Metallocenes", Vol. 108, 1986, pp.179-181
EW	AZ4	Ewen, J.A., et al, <i>J. Am. Chem. Soc.</i> , "Crystal Structures and Stereospecific Propylene Polymerizations with Chiral Hafnium Metallocene Catalysts, Vol. 109, 1987, pp. 6544-6545
EXAMINER David Wu		DATE CONSIDERED 8-16-96

*These two references were temporarily not available, they will be transmitted in the near future.
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EW	AA	5,196,433	3/22/94	Karl et al	502	117	
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<i>dw</i>	AA	4,769,510	9/1988	Kaminsky et al	585	512	
<i>dw</i>	AB	4,871,705	10/1989	Hoel	502	117	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>dw</i>	AJ	0 344 887	6/1989	Europe				
<i>dw</i>	AJ	3 820 075	2/1990	Germany				
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	AN							
	AO							
	AP							

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